



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

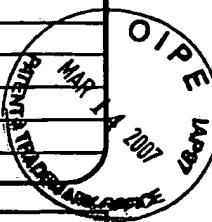
Sheet

2 of 2

## Complete If Known

Application Number	10/535,209
Filing Date	10.11.2003
First Named Inventor	Thomas Haustein
Group Art Unit	
Examiner Name	

Attorney Docket Number 2004P20577WOUS



## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MTV	3	TELETAR, E.: "Capacity of Multi-antenna Gaussian Channels" European Transactions on Telecommunications; vol. 10, Nov/Dec. 1999; pages 585 - 595	
	4	LEBRUN F, YING T, FAULKNER M.: „MIMO transmission over a time varying TDD channel using SVD“ in Electronics Letters; 25th October 2001; vol. 37, No. 22, pages 1363-1364	
	5	CATREUX S. et al.: "Adaptive Modulation and MIMO Coding for Broadband Wireless Data Networks". In IEEE Communications Magazine; June 2002; pages 108 to 115	
	6	CATREUX S; DRIESSEN P; GREENSTEIN L.J.; "Attainable Throughput of an Interference-Limited Multiple-Input Multiple-Output (MIMO) Cellular System, IEEE Transactions on Communications; Vol. 49, No. 8; August 2001, pages 1307 - 1311	
	7	KISSLING M et al.; "Short-term and long-term diagonalization of correlated MIMO channels with adaptive modulation" Conference proceedings; 13 <sup>th</sup> IEEE 2002; Bd. 2; 15-18 September 2002; pages 593-597; XP010614294,	
	8	JUNGNICKEL V. et al.; "A MIMO WLAN based on linear channel inversion" IEE Seminar MIMO ; 12. Dec. 2001; pages 20/1-6; XP02277785,	
	9	GOLDEN G.D. et al.; Detection algorithm and initial laboratory results using V-BLAST space-time communication architecture.; Electronics Letters Vol. 35, No. 1, 07 <sup>th</sup> January 1999; pages 14-16;	
	10	CHUAH C.; et al. "Capacity Growth of Multi-Element Arrays in Indoor and Outdoor Wireless Channels"; Proc. of IEEE Wireless Commun. And Networking Conf. Chicago IL; Sept. 23-28, 2000 pages 1340-1344;	
	11	BLUM R.S.; et al "On Optimum MIMO with Antenna Selection" IEEE Communications Letters; Vol. 6, No. 8, August 2002; pages 322-324	
MTV	12	CHUNG S.T. et al.; "Approaching Eigenmode BLAST Channel Capacity Using V-BLAST with Rate and Power Feedback, Proc. IEEE VTC Fall 2001, Atlantic City NJ, 7-11 October 2001; pages 915-919	

Examiner Signature

Date Considered

1/14/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.